

WELD LABORATORIES, INC.

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March 11, 2023

Front Range Material
Natures Best Compost
2-101

Laboratory No. E23062-3

Sample ID: CMT

	AR	DMB	AR (lbs/ton)	Test Method (TMECC)
Moisture (%)	26.9	NA	538	03-09-A
Total Solids (%)	73.1	100	1462	03-09-A
Nitrogen (%TKN)	0.76	1.04	15	04-02-A _m
Phosphorus (% P ₂ O ₅)	0.56	0.77	11	AOAC 965.17
Potassium (% K ₂ O)	0.53	0.73	11	04-13-B
Organic Matter (%)	24.4	33.41	488	05-07-A LOI
pH (SI) 1:5	7.49			04-11-A
Salts (mS/cm) 1:5	1.82		(mmhos/cm)	04-10-A
C/N Ratio**	16.8			05-02**
C/N Ratio***	18.7			05-02***
%Oversize Matter	0.0			03-08 (#4 screen)

*Available metal or nutrient (extracted)

**Lamey, et al Can. J. Soil Sci. 2004, 85, 261-264

*** van Bemmelen, Landwirtschaftliche Versuch Station. 1891, 37, 279-290.

m) TKN performed in a macro-KJ apparatus, ammonia determination is colorimetric

AOAC 965.17 is a colorimetric procedure using molybdovanadate reagent

Total metals (TMECC digestion 04-12-C) and nutrients (unless noted)

AR=As Received; DMB=Dry Matter Basis; NA=Not Applicable